LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.657	767	777	782	rBV6	14472	51555	2.17%	0.152%
2	6.751	789	793	802	rBV2	31052	74906	3.16%	0.220%
3	6.957	824	828	844	rBV	354344	542012	22.83%	1.593%
4	7.110	850	854	864	rVB	69879	87590	3.69%	0.257%
5	7.539	918	927	931	rBV3	14574	36302	1.53%	0.107%
6	8.239	1042	1046	1068	rBV	579752	805826	33.94%	2.369%
7	9.304	1224	1227	1237	rBV	125869	152461	6.42%	0.448%
8	9.957	1334	1338	1340	rBV	42212	63968	2.69%	0.188%
9	9.992	1341	1344	1358	rVB2	897188	950349	40.03%	2.794%
10	10.180	1371	1376	1385	rVB5	24192	40243	1.70%	0.118%
11	10.786	1475	1479	1484	rBV4	84590	117170	4.94%	0.344%
12	10.904	1492	1499	1505	rBV2	64285	86946	3.66%	0.256%
13	10.951	1505	1507	1510	rBV	82091	75853	3.20%	0.223%
14	10.986	1510	1513	1516	rVB2	161418	176700	7.44%	0.519%
15	11.021	1516	1519	1521	rBV	155992	132846	5.60%	0.391%
16	11.045	1521	1523	1525	rVB	77504	57573	2.43%	0.169%
17	11.074	1525	1528	1529	rBV	43341	41775	1.76%	0.123%
18	11.133	1535	1538	1542	rBV3	137073	143053	6.03%	0.421%
19	11.169	1542	1544	1546	rVV	112658	93514	3.94%	0.275%
20	11.192	1546	1548	1549	rVV	56855	46196	1.95%	0.136%
21	11.210	1549	1551	1555	rVB	95787	81678	3.44%	0.240%
22	11.292	1562	1565	1574	rBV	102315	229723	9.68%	0.675%
23	11.492	1595	1599	1612	rBV	630193	770897	32.47%	2.266%
24	11.616	1617	1620	1627	rVB6	21929	36085	1.52%	0.106%
25	11.686	1629	1632	1639	rBV	192284	194520	8.19%	0.572%
26	11.827	1651	1656	1663	rBV	37015	41586	1.75%	0.122%
27	11.927	1665	1673	1675	rBV7	16385	33187	1.40%	0.098%
28	11.992	1681	1684	1689	rBV2	242079	301488	12.70%	0.886%
29	12.063	1693	1696	1698	rVV	62743	74255	3.13%	0.218%
30	12.086	1698	1700	1702	rVV	106178	117377	4.94%	0.345%
31	12.133	1706	1708	1712	rVV2	77347	108846	4.58%	0.320%
32	12.186	1715	1717	1719	rVV2	50289	51195	2.16%	0.150%
33	12.210	1719	1721	1724	rVV	55927	57945	2.44%	0.170%
34	12.233	1724	1725	1728	rVV	32335	29159	1.23%	0.086%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.263	1728	1730	1735	rVV2	107615	152342	6.42%	0.448%
36	12.310	1735	1738	1742	rVB2	45935	57612	2.43%	0.169%
37	12.427	1755	1758	1761	rBV	144127	152320	6.42%	0.448%
38	12.463	1761	1764	1770	rVV	118712	205678	8.66%	0.605%
39	12.504	1770	1771	1777	rVB5	43390	61689	2.60%	0.181%
40	12.704	1801	1805	1806	rBV	54184	55577	2.34%	0.163%
41	12.780	1815	1818	1827	rVV3	105412	154707	6.52%	0.455%
42	13.068	1864	1867	1869	rBV	141626	137027	5.77%	0.403%
43	13.092	1869	1871	1878	rVB	201973	184924	7.79%	0.544%
44	13.163	1878	1883	1887	rBV3	566525	907491	38.23%	2.668%
45	13.204	1887	1890	1892	rVV	520528	564669	23.79%	1.660%
46	13.227	1892	1894	1898	rVV2	380166	396124	16.69%	1.164%
47	13.286	1898	1904	1910	rVV3	272854	627521	26.43%	1.845%
48	13.339	1910	1913	1918	rVV	410828	524043	22.07%	1.540%
49	13.380	1918	1920	1925	rVB	195906	201436	8.48%	0.592%
50	13.457	1931	1933	1936	rBV3	19311	26865	1.13%	0.079%
51	13.492	1936	1939	1944	rVV	125600	189467	7.98%	0.557%
52	13.586	1952	1955	1960	rVB4	35730	51499	2.17%	0.151%
53	13.633	1960	1963	1966	rVB2	34404	37952	1.60%	0.112%
54	13.692	1967	1973	1977	rBV3	81400	142464	6.00%	0.419%
55	13.733	1977	1980	1986	rVV2	73304	92323	3.89%	0.271%
56	13.792	1986	1990	1995	rVB4	46796	64969	2.74%	0.191%
57	13.951	2008	2017	2020	rBV8	54846	101040	4.26%	0.297%
58	13.998	2022	2025	2030	rVB	28573	42469	1.79%	0.125%
59	14.051	2031	2034	2040	rBV	413982	438470	18.47%	1.289%
60	14.127	2042	2047	2051	rBV3	1276939	2374044	100.00%	6.979%
61	14.162	2051	2053	2056	rVV3	1220216	1444964	60.87%	4.248%
62	14.192	2056	2058	2060	rVV	647239	610600	25.72%	1.795%
63	14.215	2060	2062	2064	rVV	329130	357116	15.04%	1.050%
64	14.251	2064	2068	2071	rVV3	658959	1094573	46.11%	3.218%
65	14.286	2071	2074	2078	rVV	884581	1037632	43.71%	3.050%
66	14.333	2078	2082	2091	rVB	471467	600322	25.29%	1.765%
67	14.409	2092	2095	2102	rBV2	94168	226540	9.54%	0.666%
68	14.521	2112	2114	2117	rBV	30157	30024	1.26%	0.088%
69	14.568	2119	2122	2125	rVV2	82895	106841	4.50%	0.314%
70	14.598	2125	2127	2134	rVB3	73683	124731	5.25%	0.367%
71	14.939	2181	2185	2191	rBV	452057	555831	23.41%	1.634%

LSC Area Percent Report

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Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.021	2194	2199	2202	rBV2	1465136	2197192	92.55%	6.459%
73	15.062	2202	2206	2210	rVV3	1227957	2128319	89.65%	6.256%
74	15.104	2210	2213	2215	rVV	660465	865643	36.46%	2.545%
75	15.168	2219	2224	2227	rVV3	810202	1583931	66.72%	4.656%
76	15.215	2227	2232	2236	rVV	775901	1373681	57.86%	4.038%
77	15.268	2236	2241	2251	rVB	467931	859460	36.20%	2.526%
78	15.680	2307	2311	2323	rVB	320120	583698	24.59%	1.716%
79	16.056	2371	2375	2384	rVB2	237889	416015	17.52%	1.223%
80	16.174	2388	2395	2400	rBV3	820367	1874075	78.94%	5.509%
81	16.233	2400	2405	2413	rVB2	393885	1055049	44.44%	3.101%
82	16.462	2441	2444	2452	rVB	328778	598311	25.20%	1.759%
83	16.545	2454	2458	2467	rVB2	226066	444902	18.74%	1.308%

Sum of corrected areas: 34018951

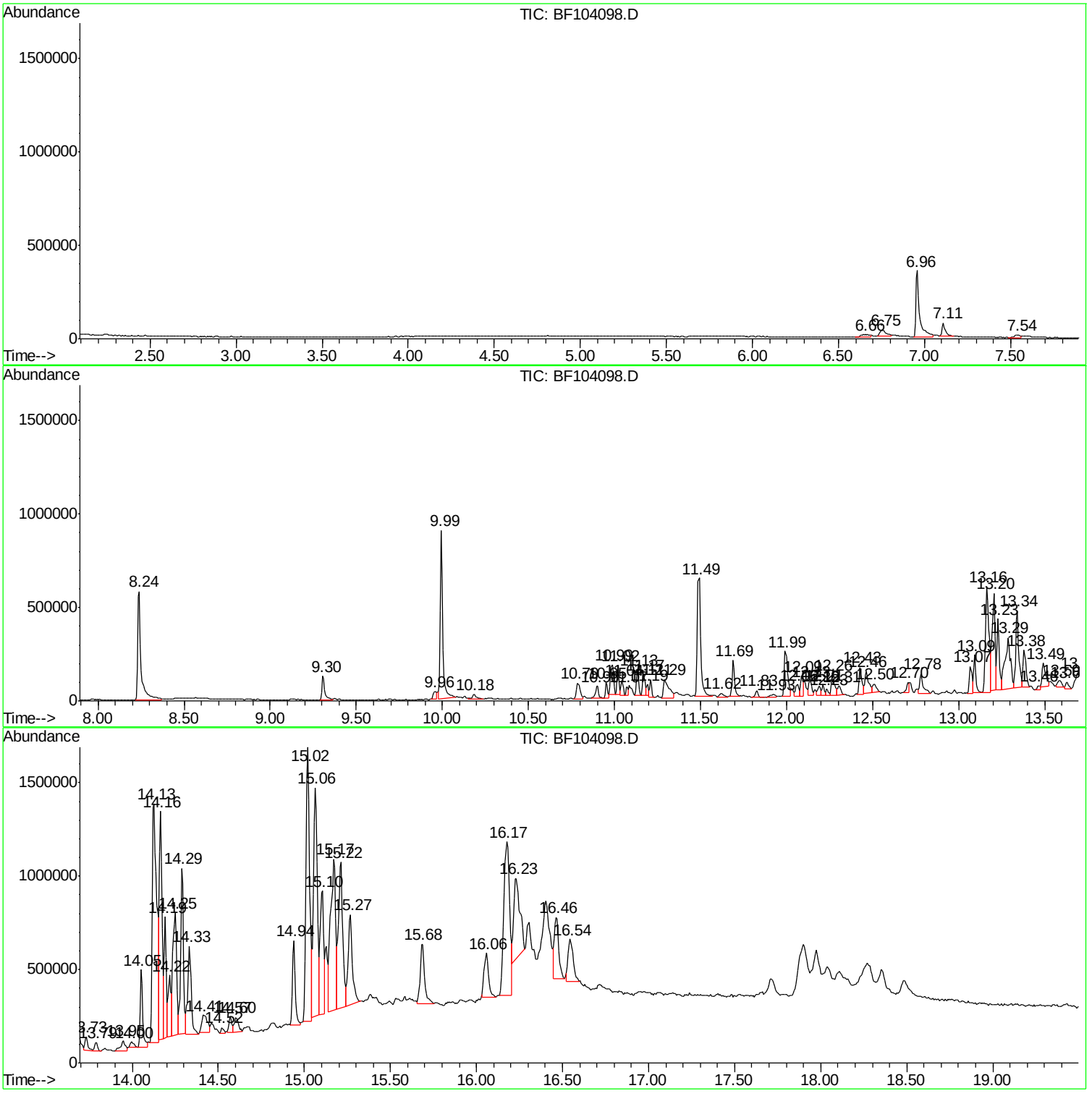
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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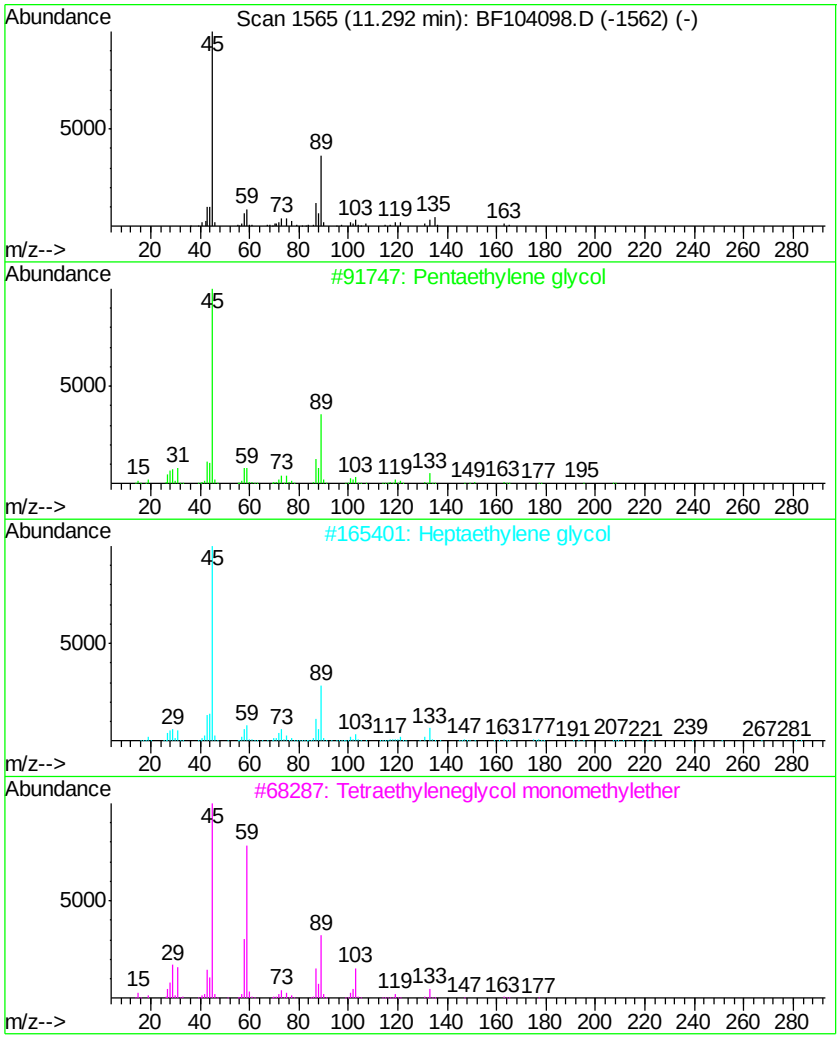
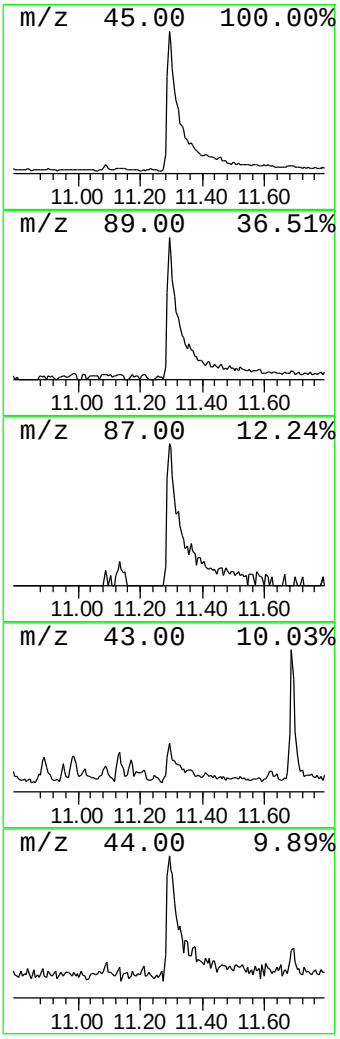
Peak Number 1 Pentaethylene glycol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	5.96 ng	229723	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	91
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	86
3	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	78
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	78
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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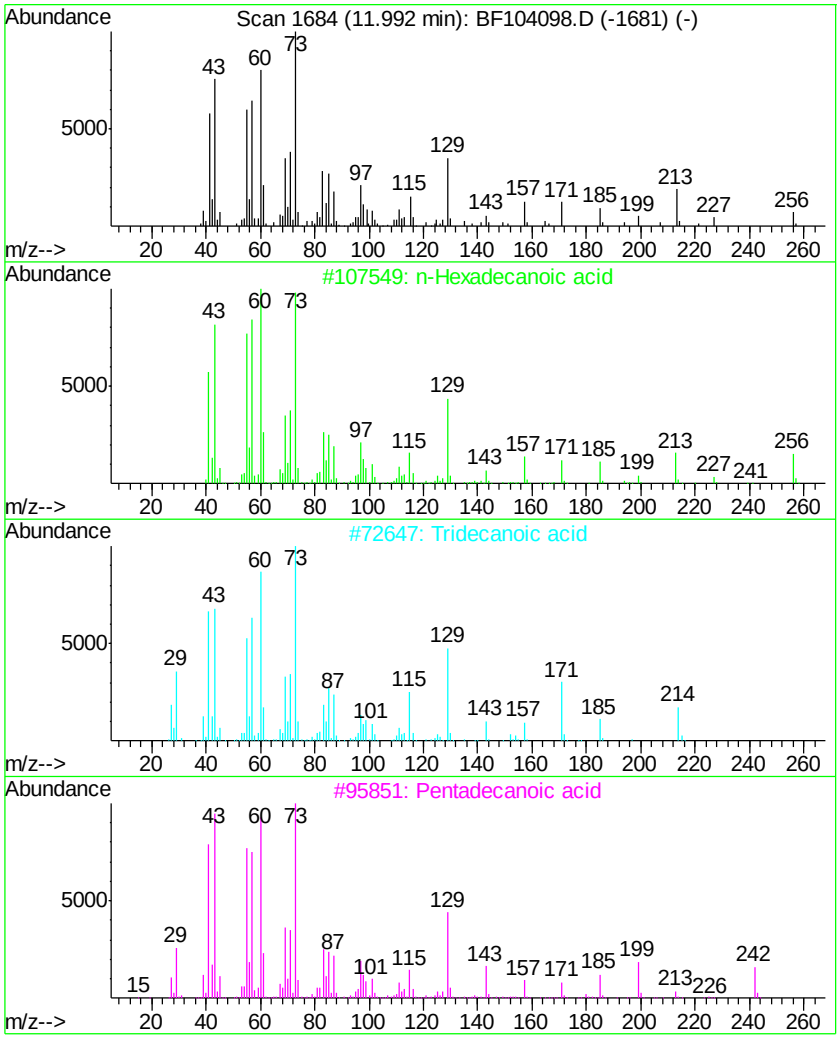
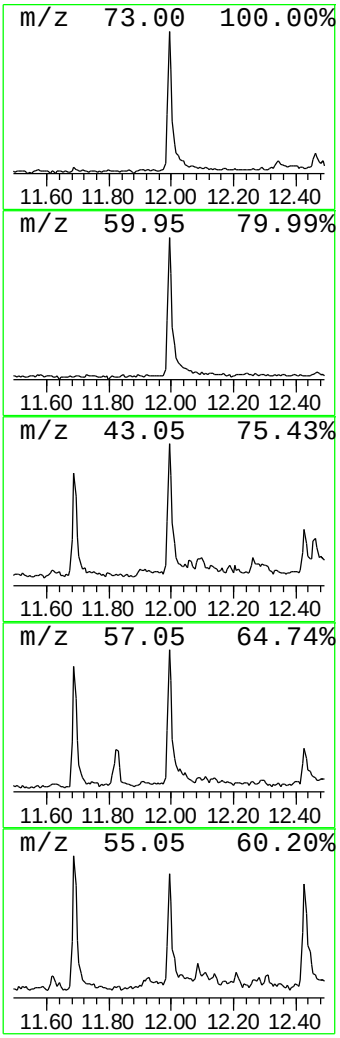
Peak Number 2 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	7.82 ng	301488	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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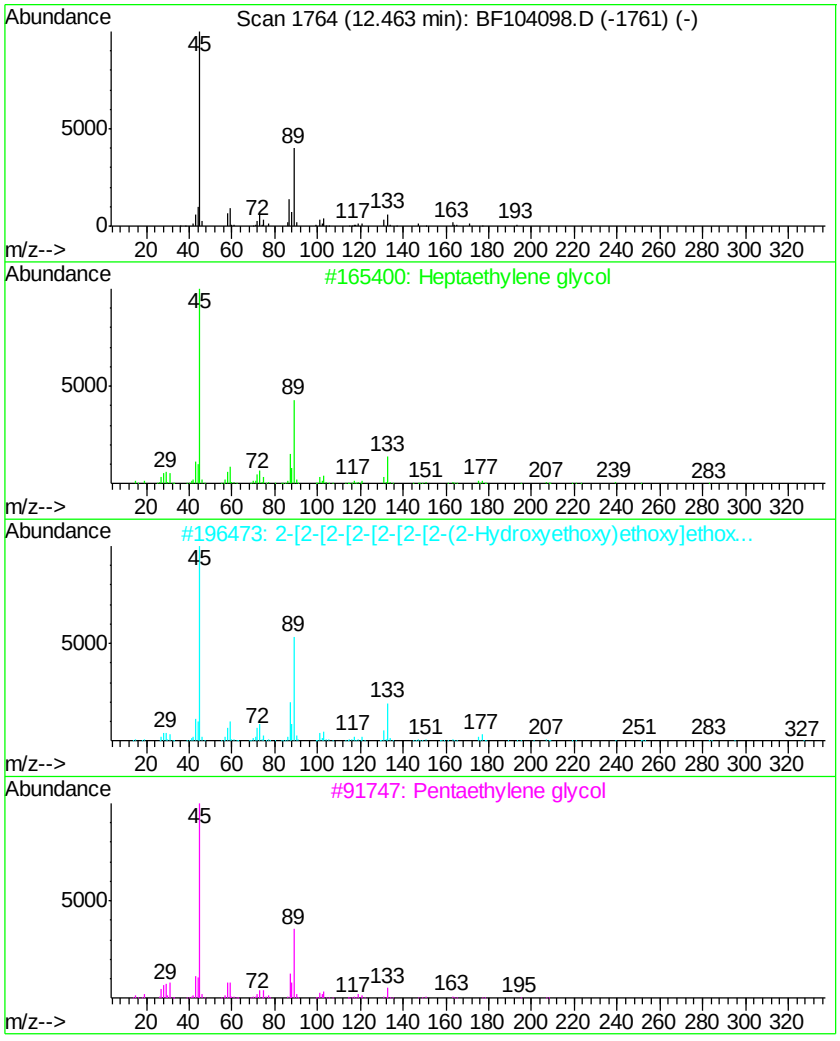
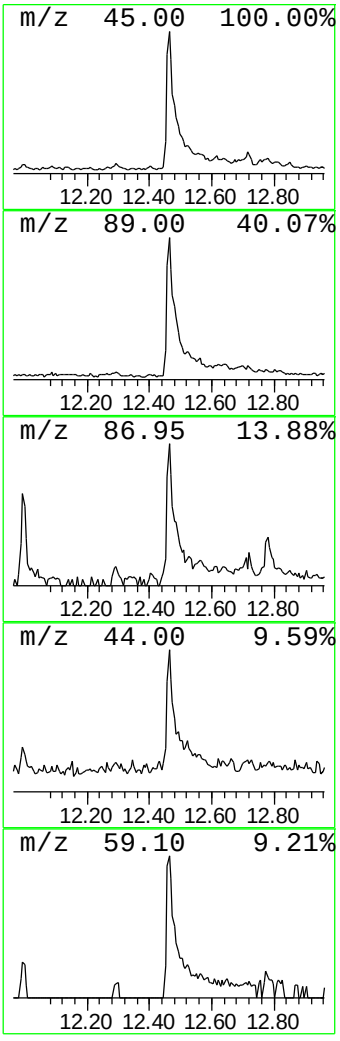
Peak Number 3 Heptaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.34 ng	205678	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	90
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	90
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	90
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
5	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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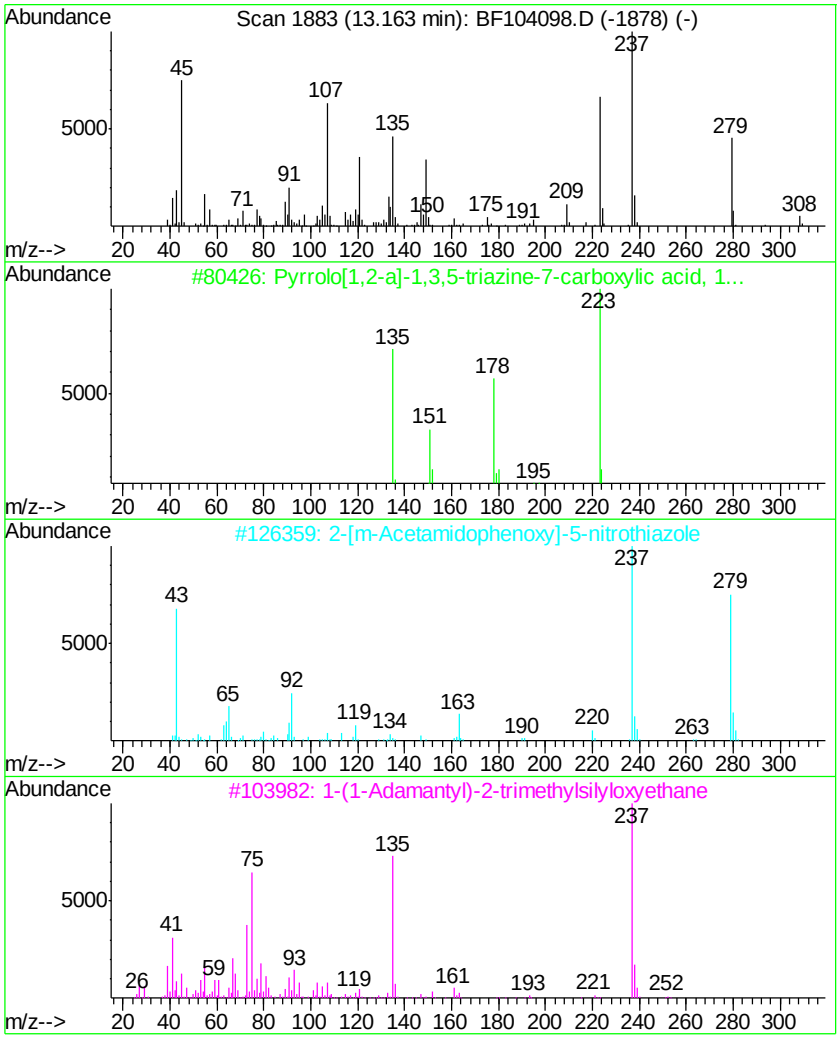
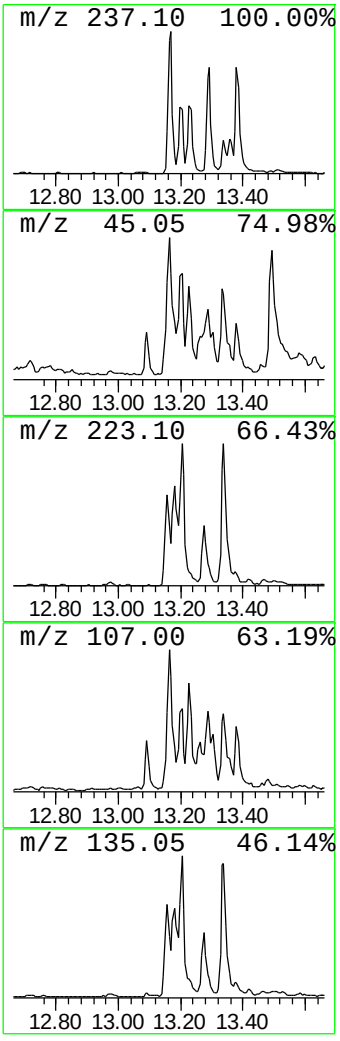
Peak Number 4 unknown13.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	7.65 ng	907491	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	25
2	2-[m-Acetamidophenoxy]-5-nitroth...	279	C11H9N3O4S	1000257-10-1	22
3	1-(1-Adamantyl)-2-trimethylsilyl...	252	C15H28OSi	1000283-09-0	22
4	Pyrido[2,3-d]pyrimidin-5(8H)-one...	237	C14H11N3O	161465-98-1	15
5	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	14





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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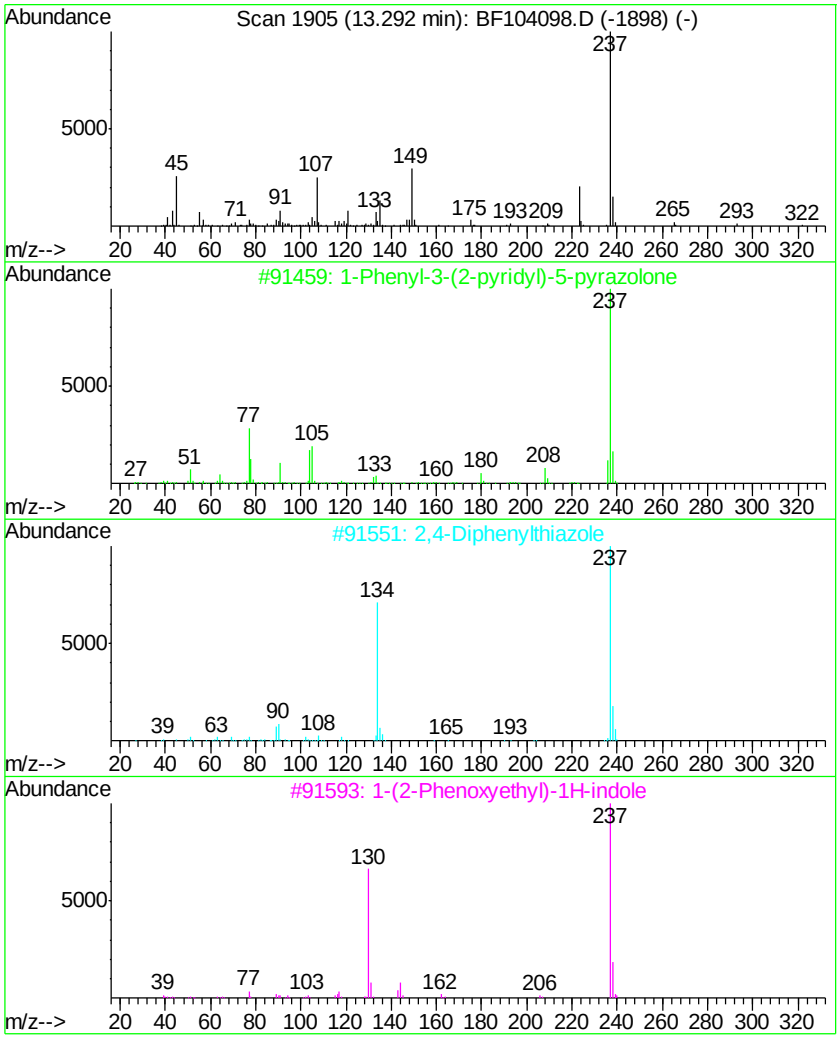
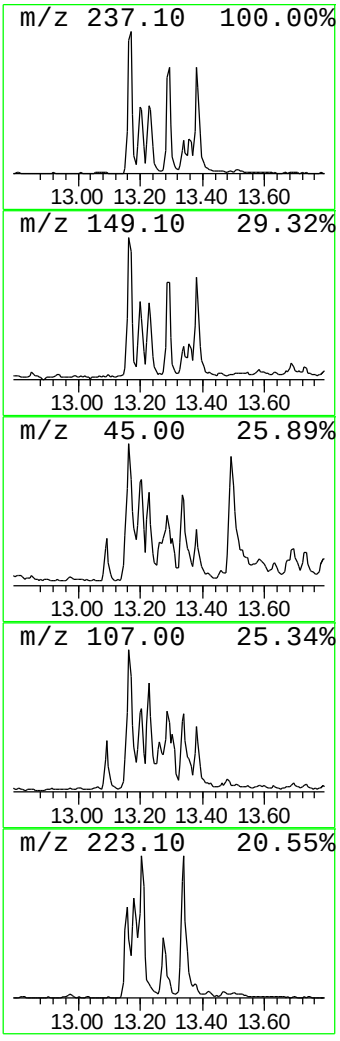
Peak Number 5 unknown13.29 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.29 ng	627521	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-3-(2-pyridyl)-5-pyrazolone	237	C14H11N3O	021683-60-3	27
2	2,4-Diphenylthiazole	237	C15H11NS	001826-14-8	27
3	1-(2-Phenoxyethyl)-1H-indole	237	C16H15NO	1000322-52-5	25
4	Isophthalic acid, 2,4-dimethoxy-...	446	C23H26O9	019314-77-3	23
5	Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	22





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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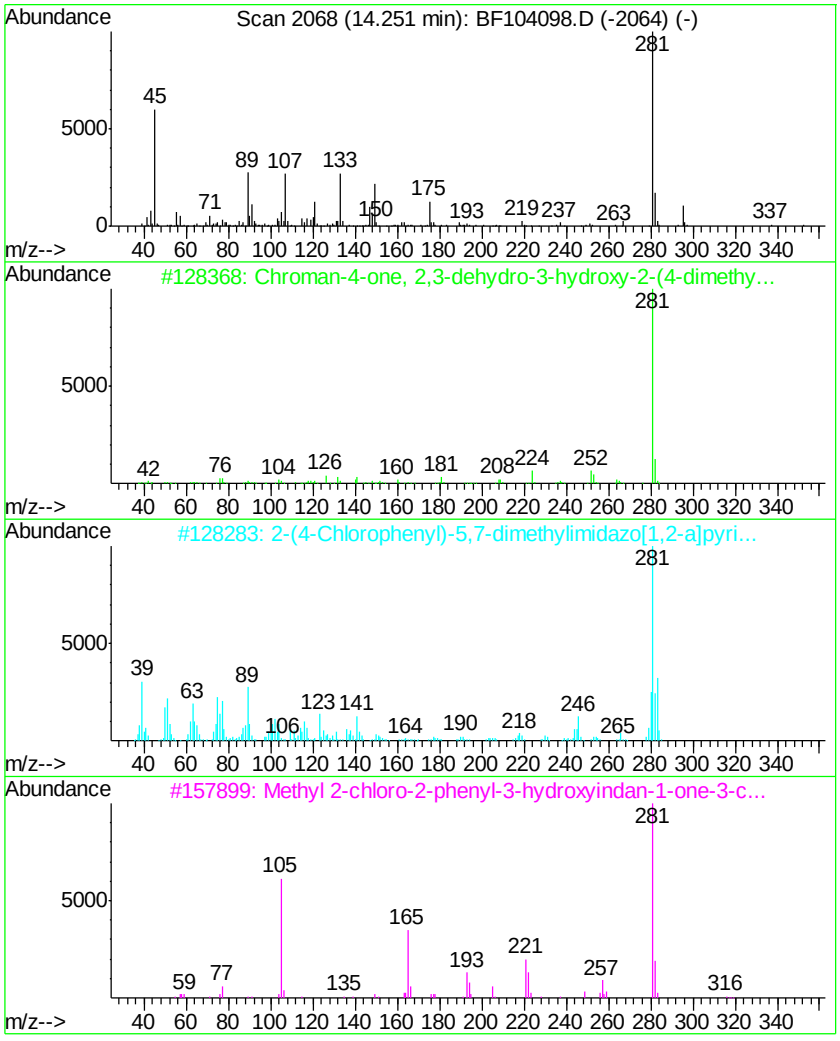
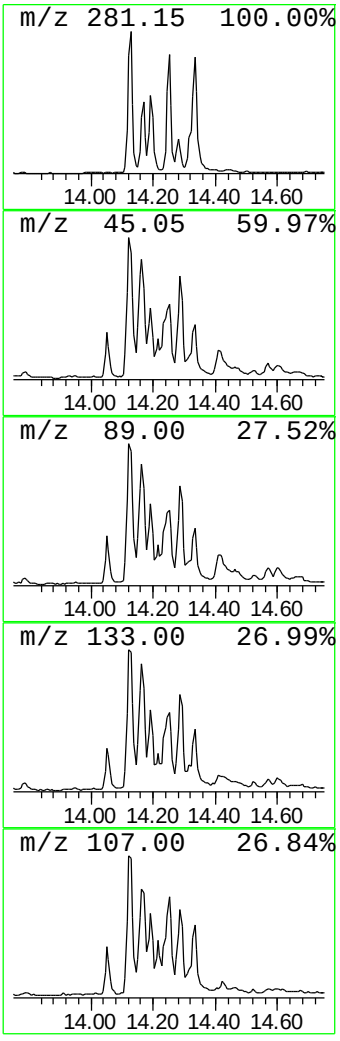
Peak Number 6 unknown14.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	9.22 ng	1094570	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chroman-4-one, 2,3-dehydro-3-hyd...	281	C17H15NO3	101442-35-7	22
2	2-(4-Chlorophenyl)-5,7-dimethyli...	281	C16H12ClN3	1000305-50-9	17
3	Methyl 2-chloro-2-phenyl-3-hydro...	316	C17H13ClO4	093260-25-4	17
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	12
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	10





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Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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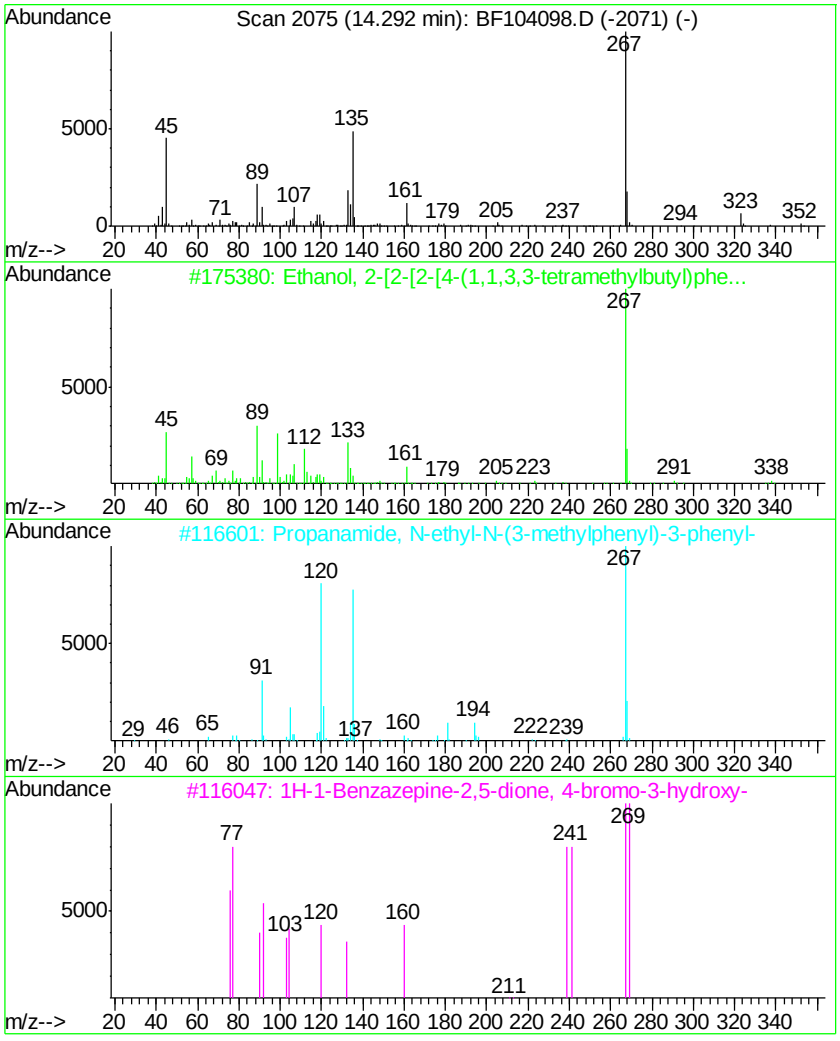
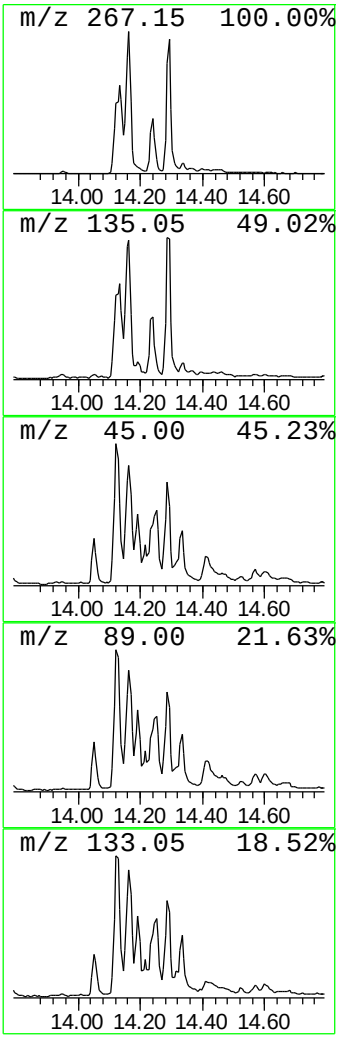
Peak Number 7 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	8.74 ng	1037630	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	53
2	Propanamide, N-ethyl-N-(3-methyl...	267	C18H21NO	1000308-21-3	52
3	1H-1-Benzazepine-2,5-dione, 4-br...	267	C10H6BrNO3	052280-66-7	42
4	1-(2-Hexyloxy-phenyl)-5,5-dioxo-...	351	C18H25NO4S	1000300-68-0	38
5	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	35





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Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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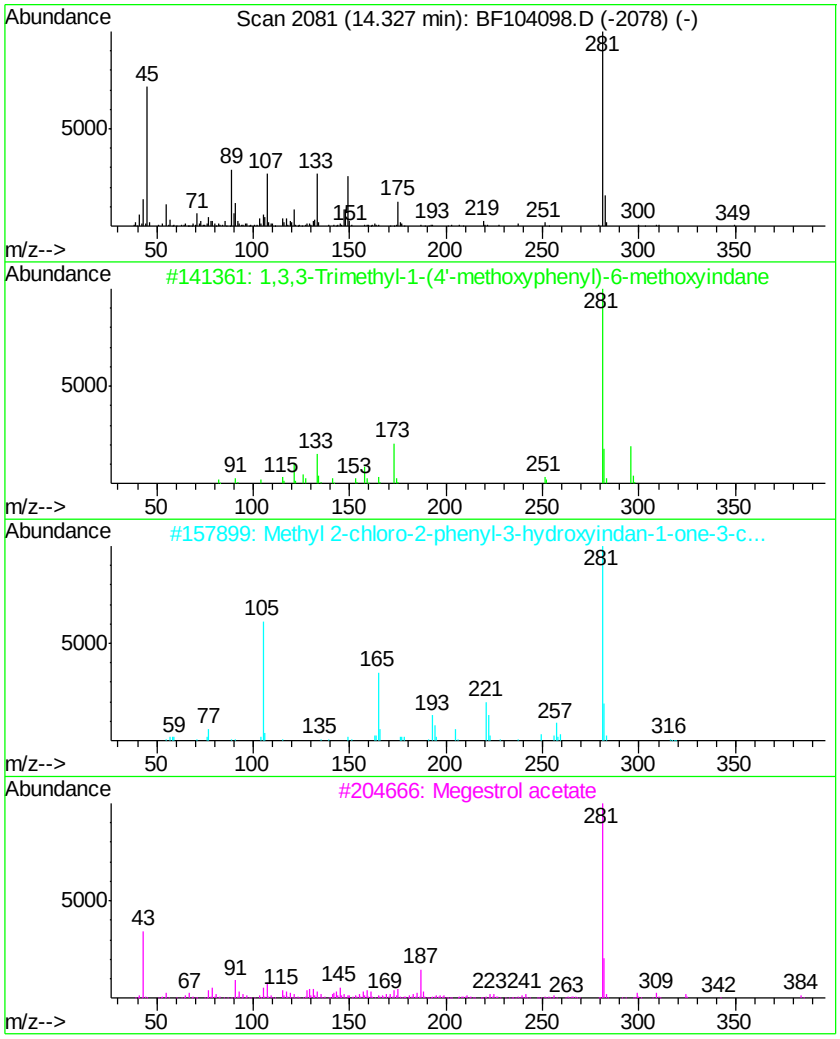
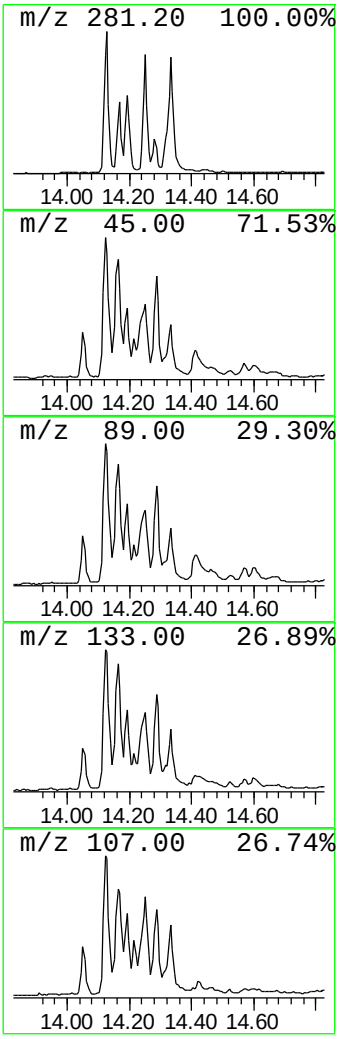
Peak Number 8 unknown14.33 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.06 ng	600322	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethyl-1-(4'-methoxyphe...	296	C20H24O2	108122-20-9	25
2	Methyl 2-chloro-2-phenyl-3-hydro...	316	C17H13ClO4	093260-25-4	17
3	Megestrol acetate	384	C24H32O4	000595-33-5	17
4	2-(4-Chlorophenyl)-5,7-dimethyli...	281	C16H12ClN3	1000305-50-9	17
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	16





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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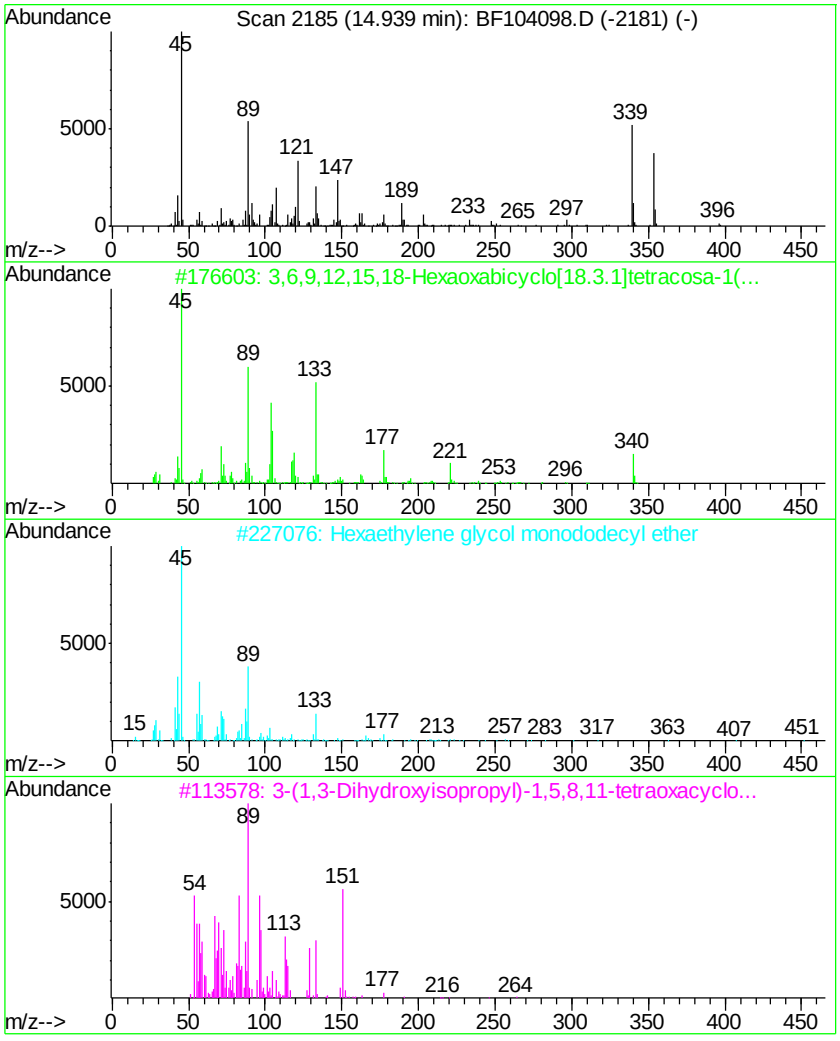
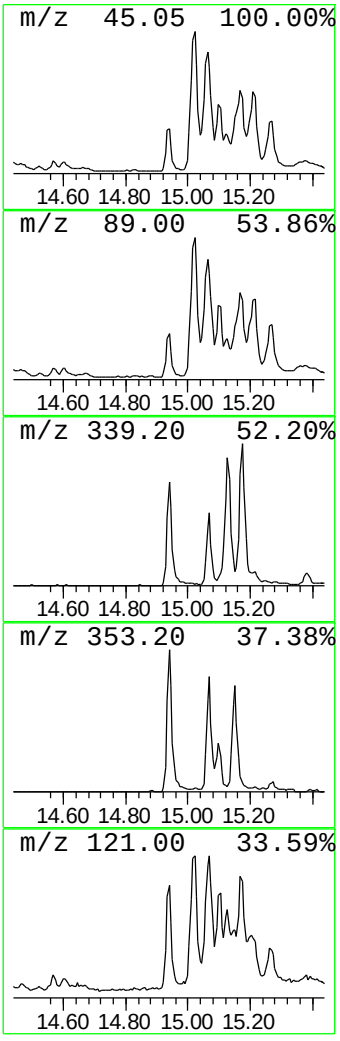
Peak Number 9 unknown14.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	19.05 ng	555831	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15,18-Hexaoxabicyclo[18...	340	C18H28O6	057624-51-8	43
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	37
3	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	35
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	32
5	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	32





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Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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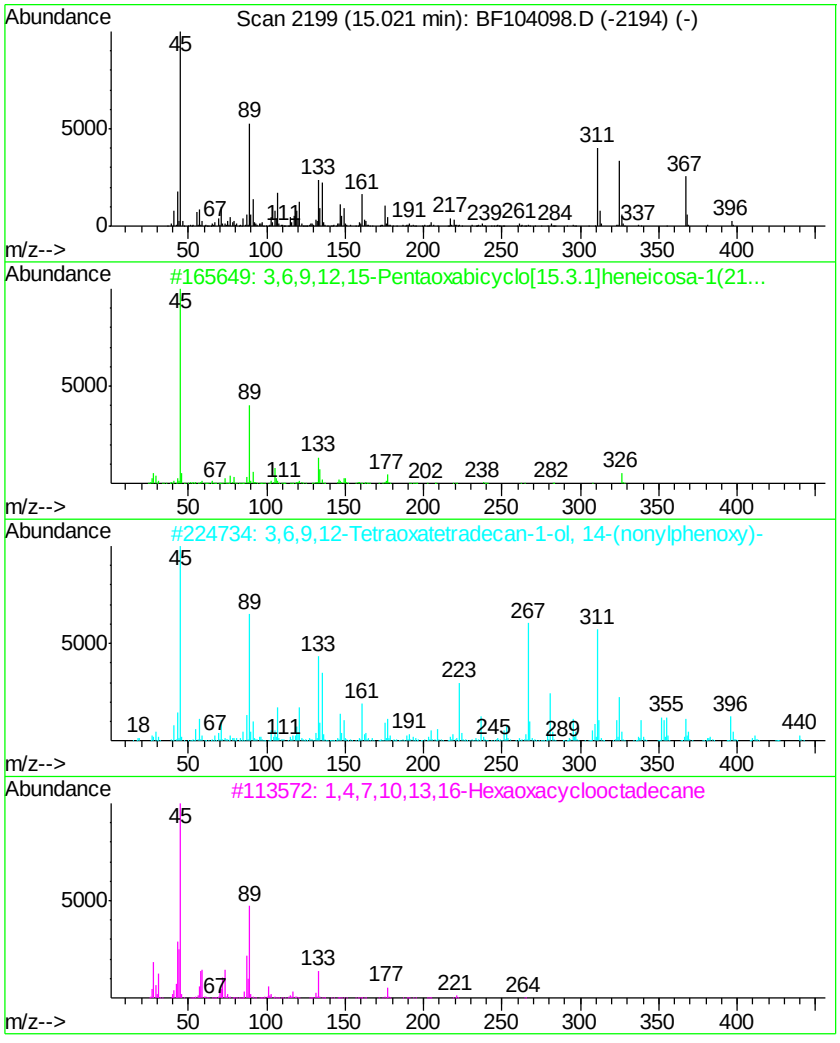
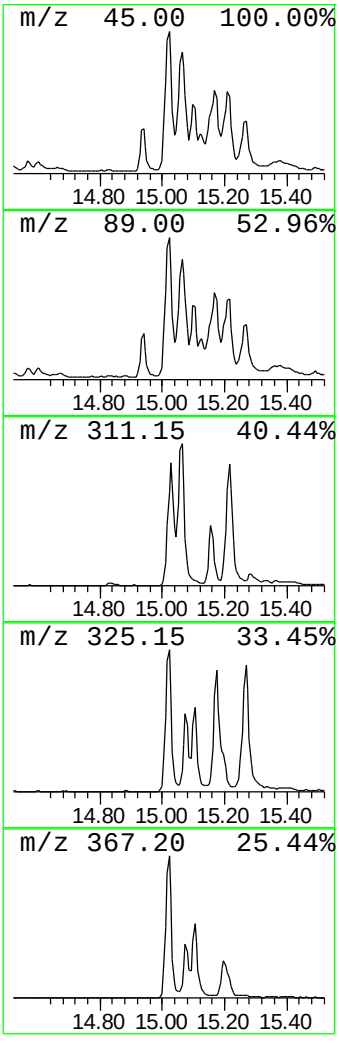
Peak Number 10 unknown15.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	75.29 ng	2197190	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	43
2	3,6,9,12-Tetraoxatetradecan-1-ol...	440	C25H44O6	026264-02-8	42
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
4	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	37
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	37





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Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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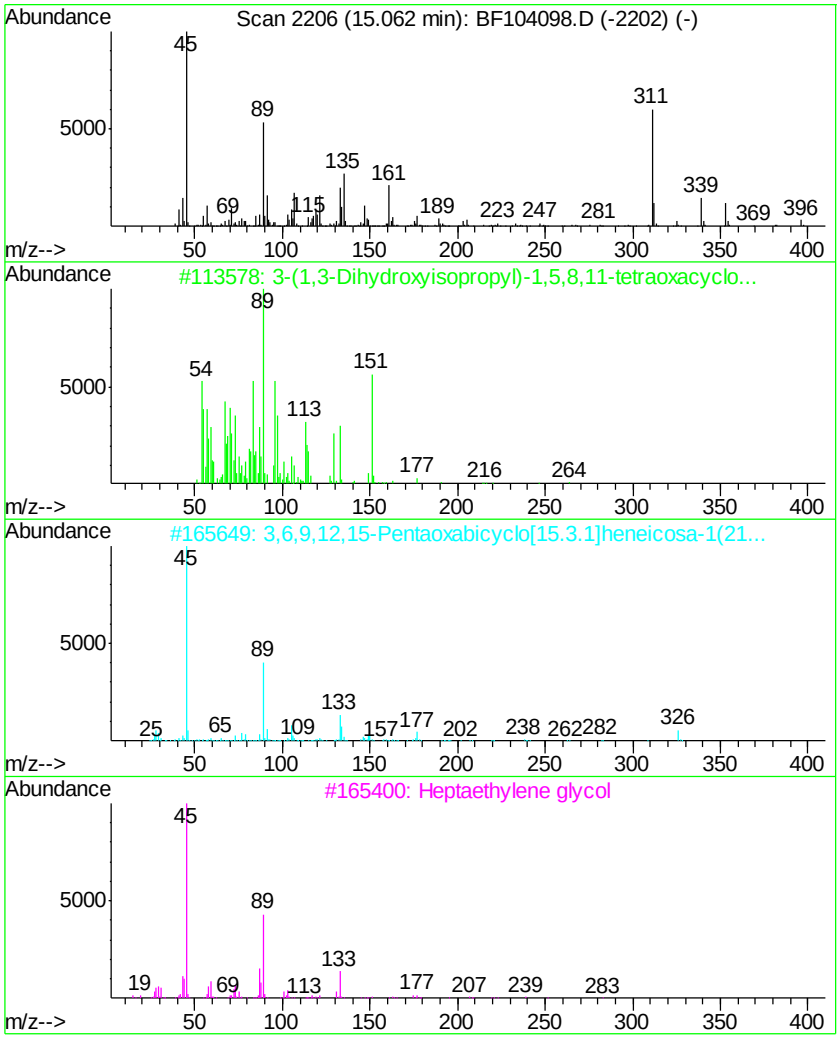
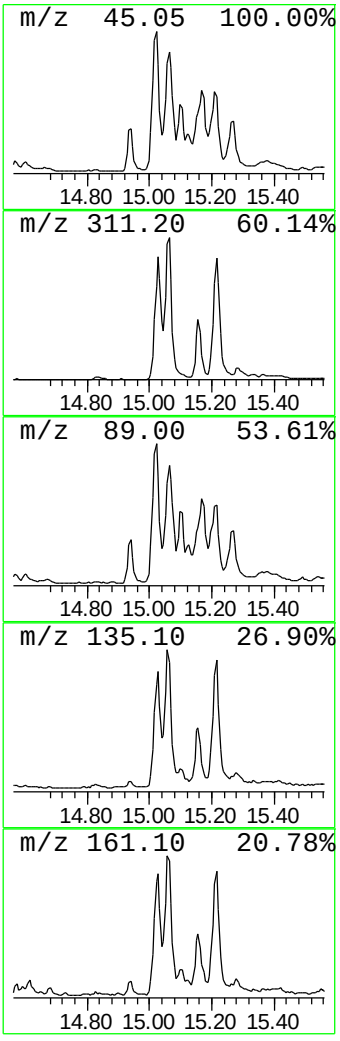
Peak Number 11 3-(1,3-Dihydroxyisopropyl)-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	72.93 ng	2128320	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	64
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	46
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	38
4	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	37
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	32





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Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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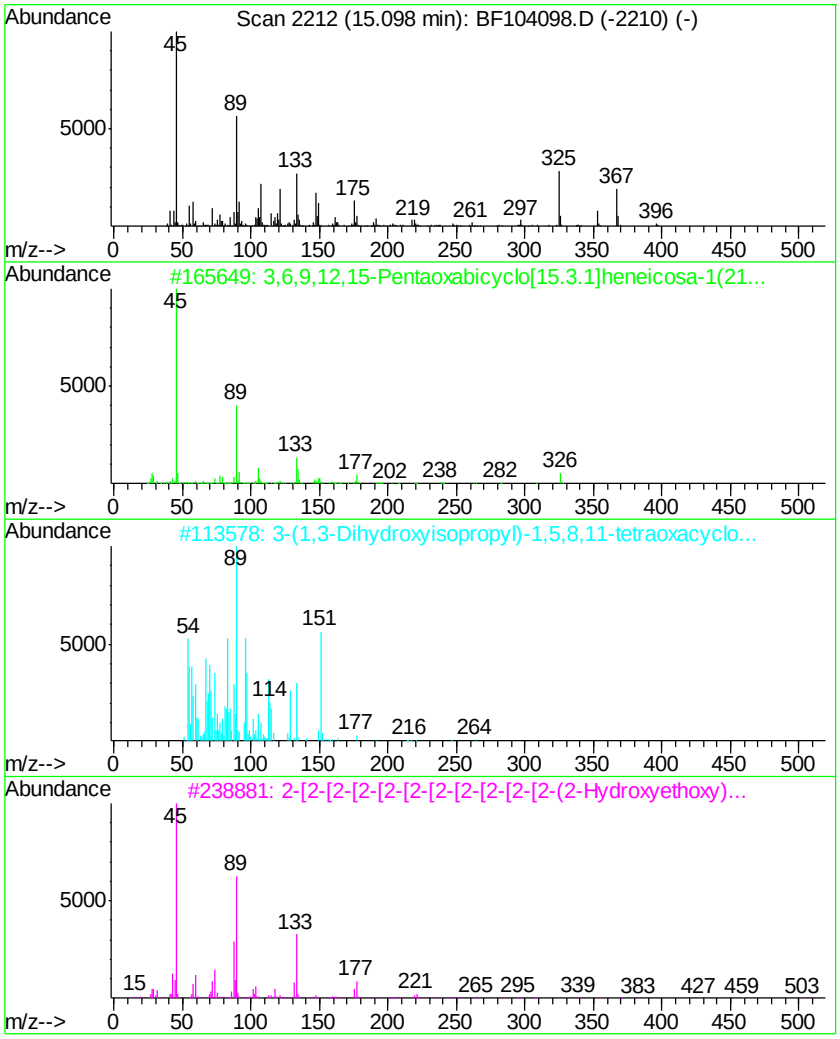
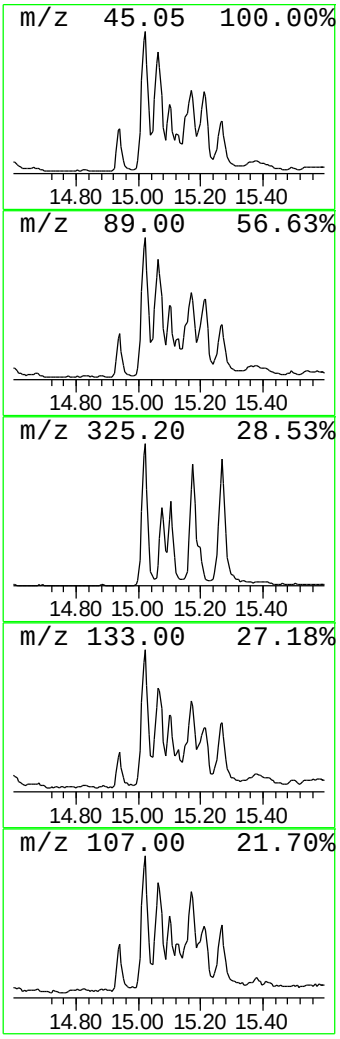
Peak Number 12 unknown15.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	29.66 ng	865643	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	46
2	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	35
3	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	32
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	25
5	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	25





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Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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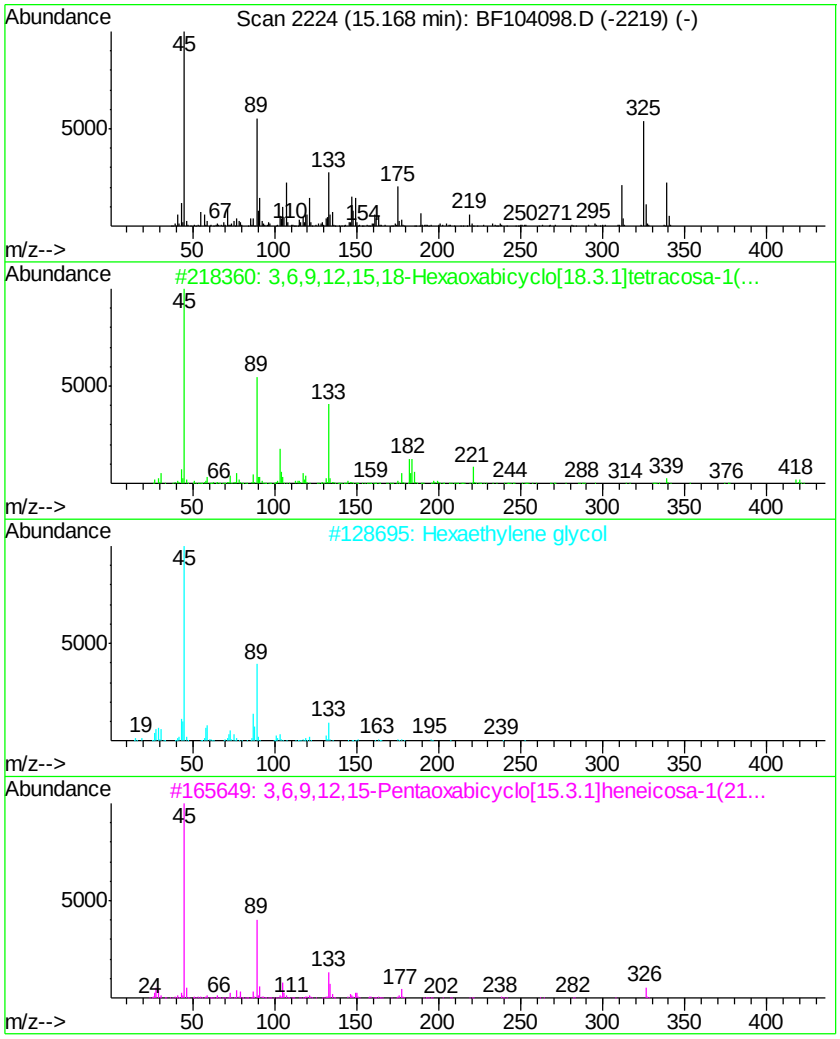
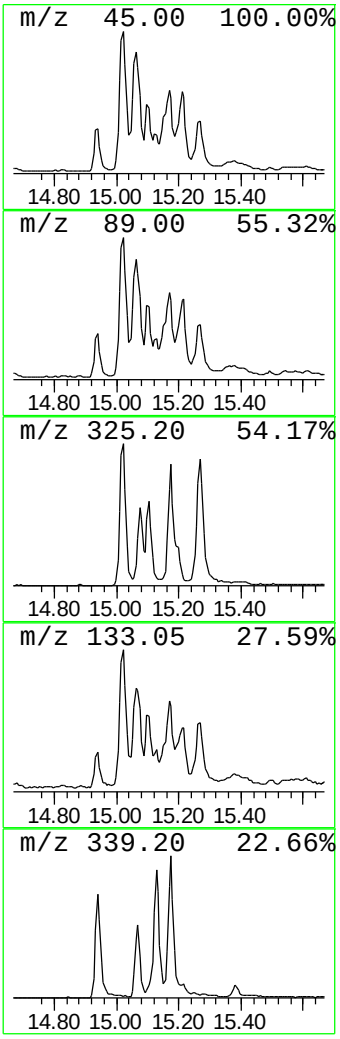
Peak Number 13 unknown15.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	54.27 ng	1583930	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	38
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	38
3	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	37
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	32
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	32





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Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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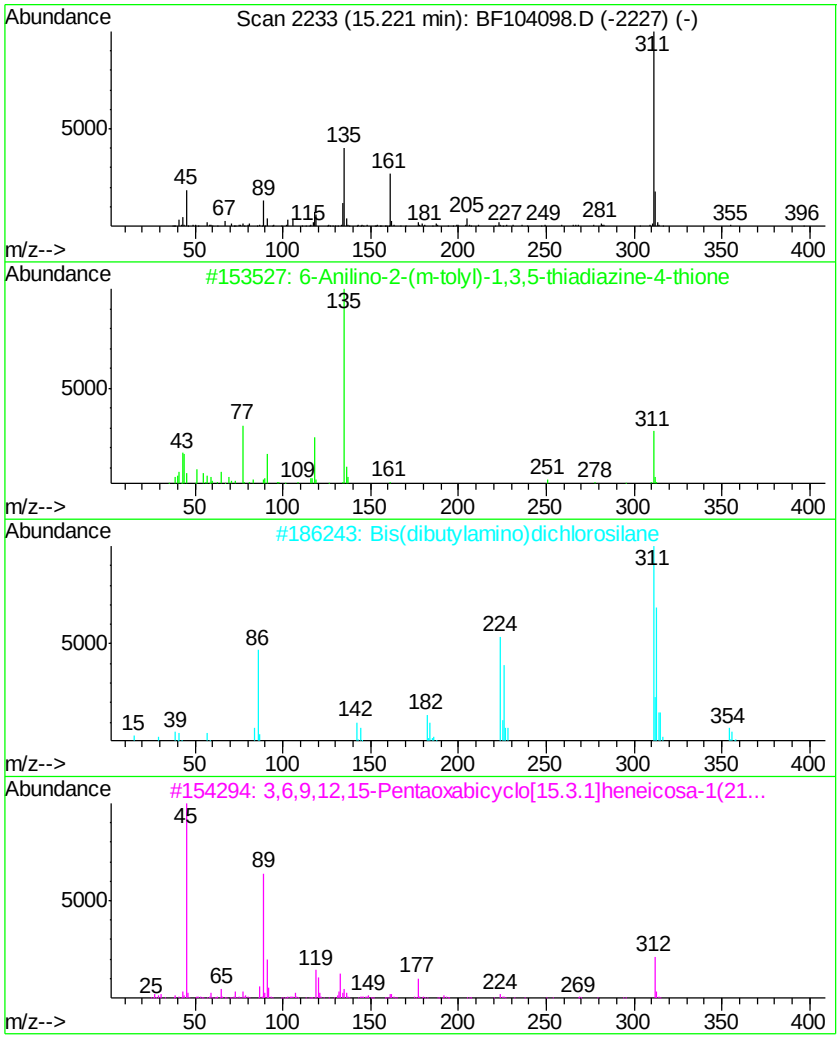
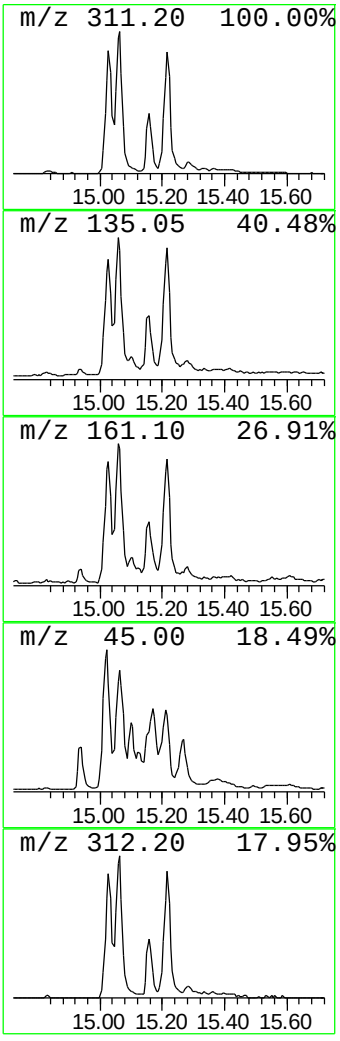
Peak Number 14 unknown15.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	47.07 ng	1373680	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Anilino-2-(m-tolyl)-1,3,5-thia...	311	C16H13N3S2	094014-52-5	47
2	Bis(dibutylamino)dichlorosilane	354	C16H36Cl2N2Si	1000322-56-4	27
3	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	22
4	1H-Indole, 1,3-dimethyl-5,6-dime...	311	C19H21NO3	156785-73-8	12
5	2-(2-Amino-benzoimidazol-1-yl)-1...	281	C16H15N3O2	1000277-85-9	10





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Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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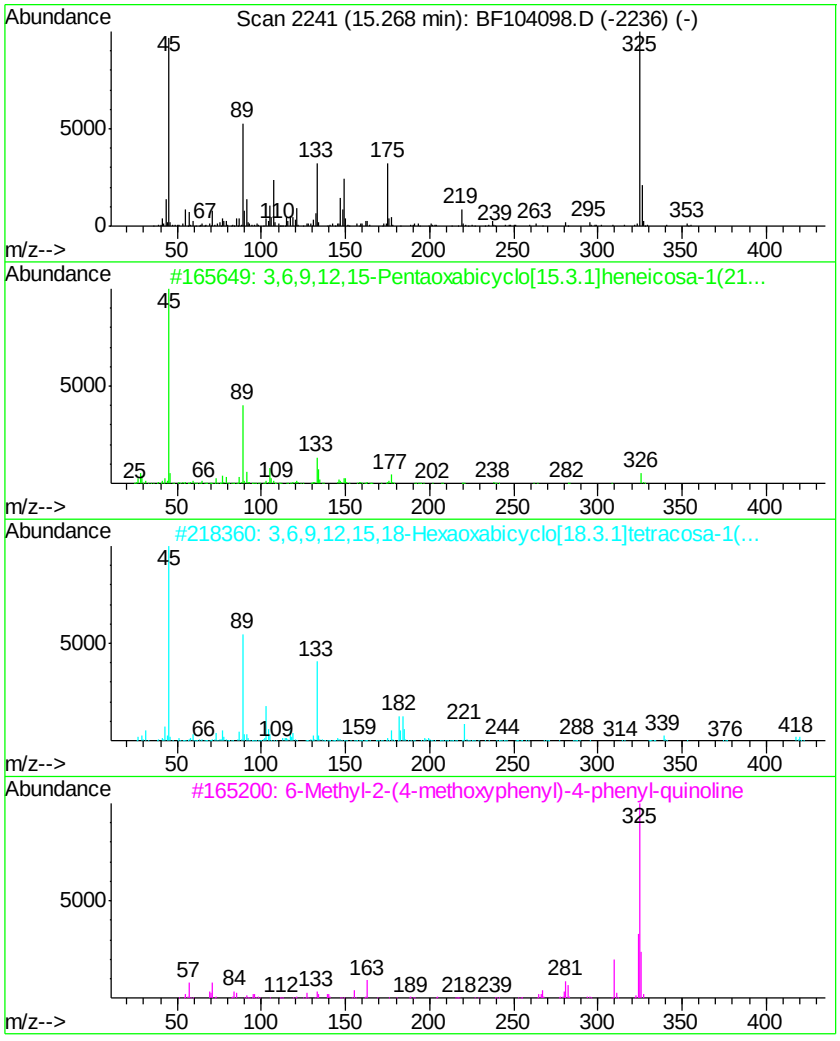
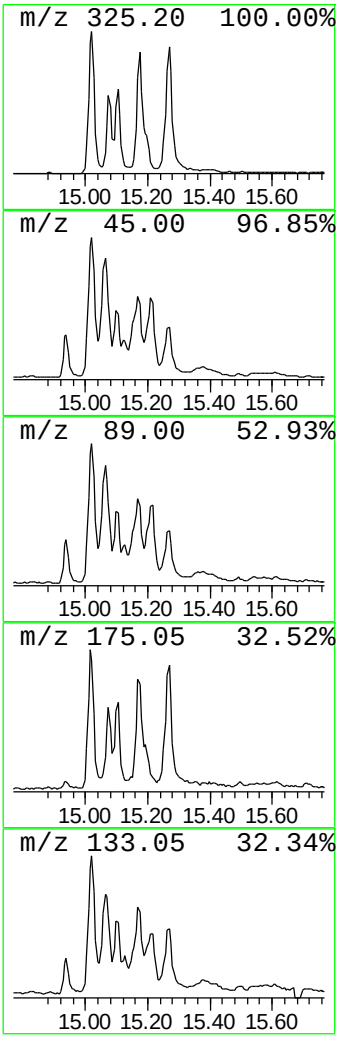
Peak Number 15 unknown15.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	29.45 ng	859460	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	35
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	27
3	6-Methyl-2-(4-methoxyphenyl)-4-p...	325	C23H19NO	071858-10-1	27
4	Bis(pentamethylcyclopentadienyl)...	325	C20H30Mn	067506-86-9	22
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown16.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	14.25 ng	416015	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	50
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	40
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	40
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	40
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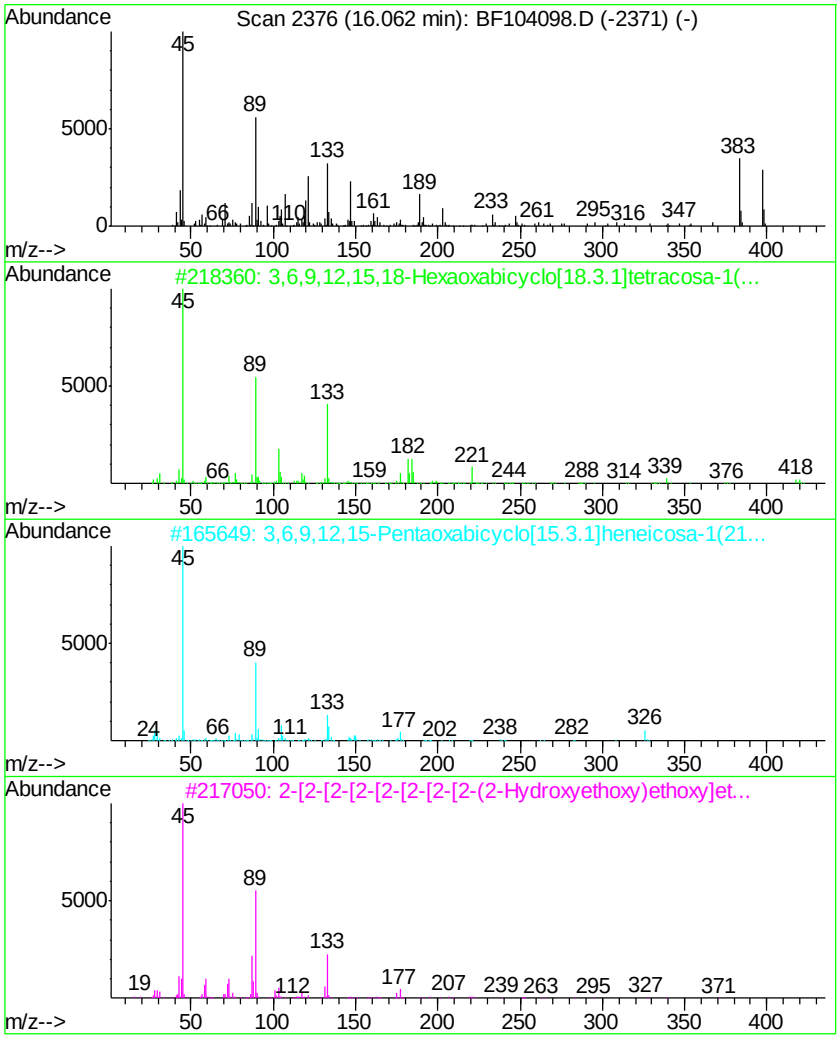

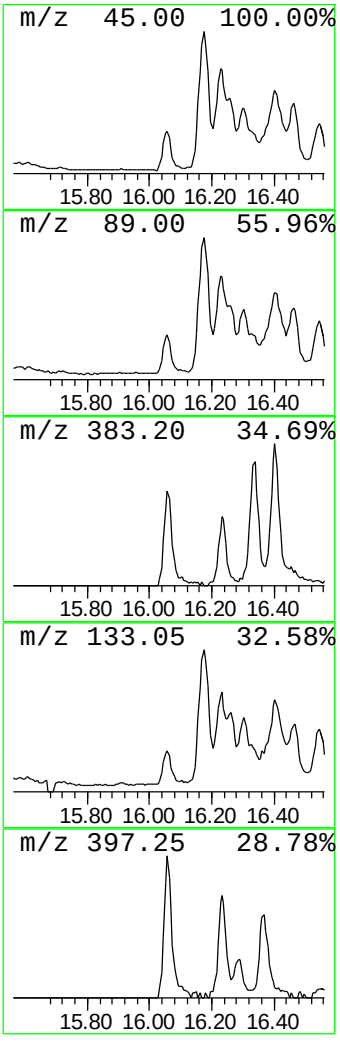

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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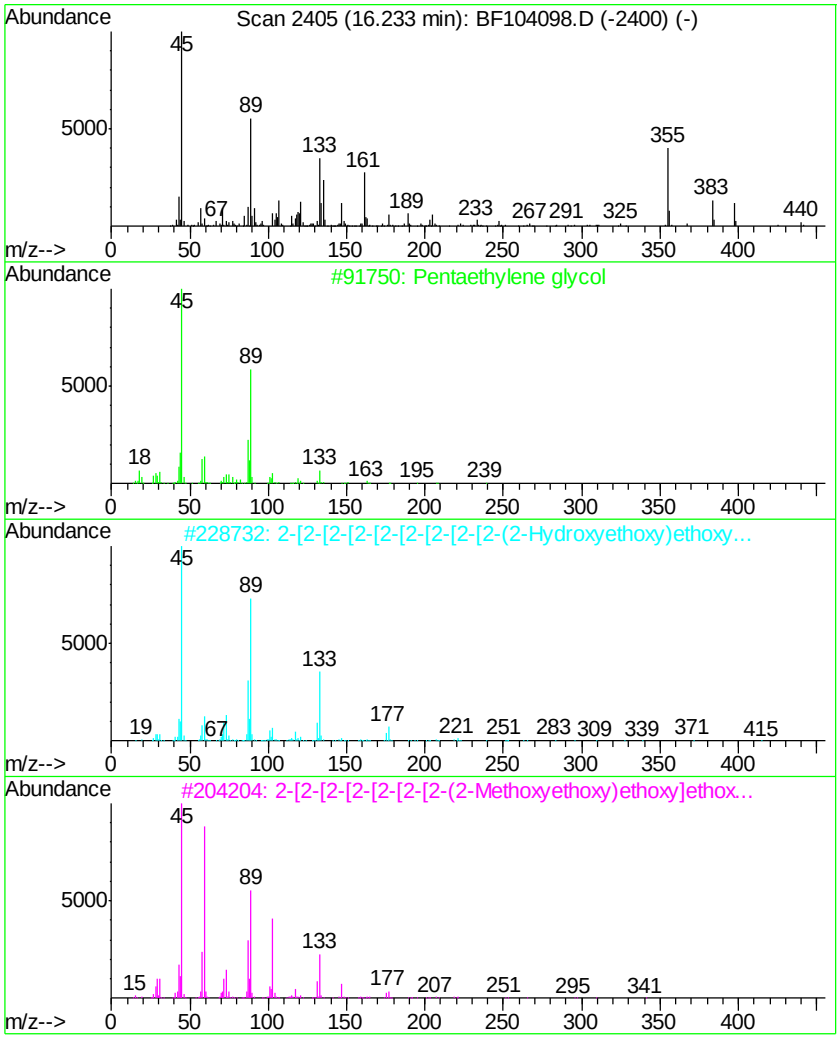
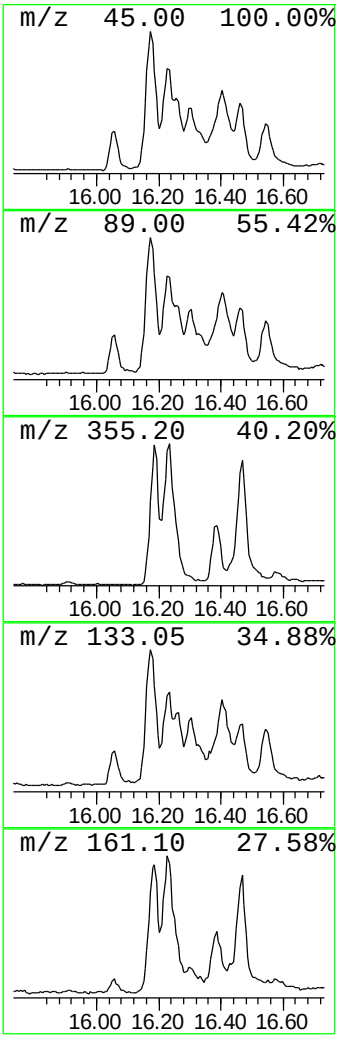
Peak Number 18 unknown16.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	36.15 ng	1055050	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	37
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	37
3	2-[2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	37
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	37
5	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	37





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Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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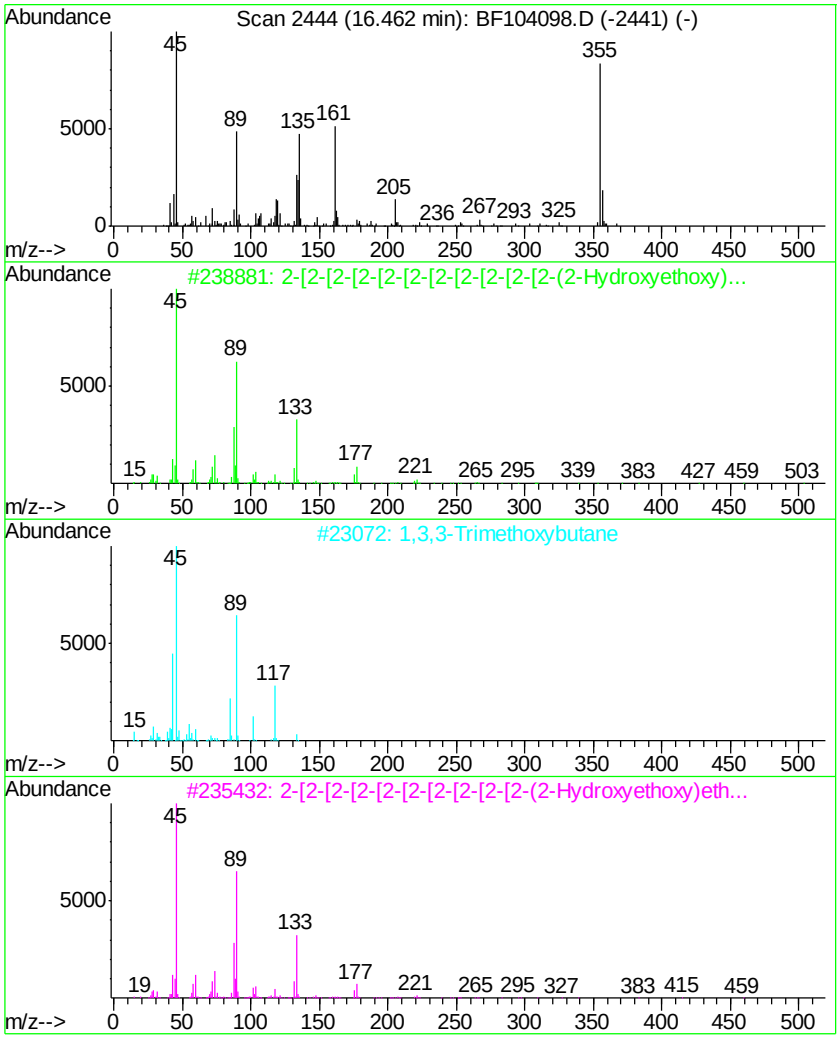
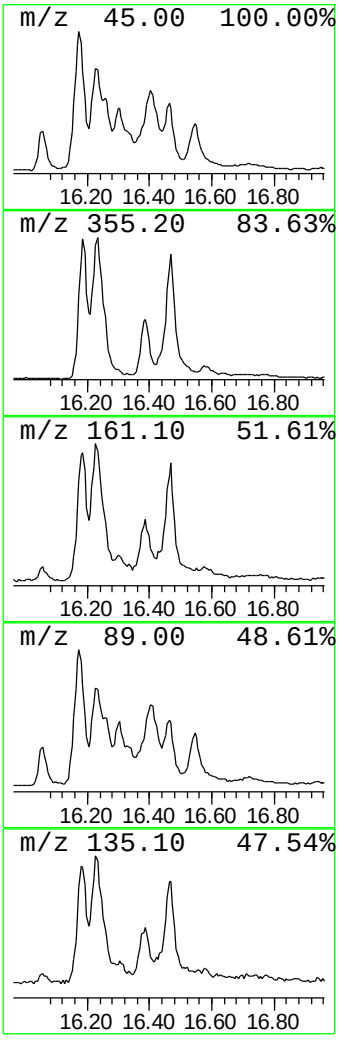
Peak Number 19 unknown16.46 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	20.50 ng	598311	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	27
2	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	22
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	16
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	16
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	16





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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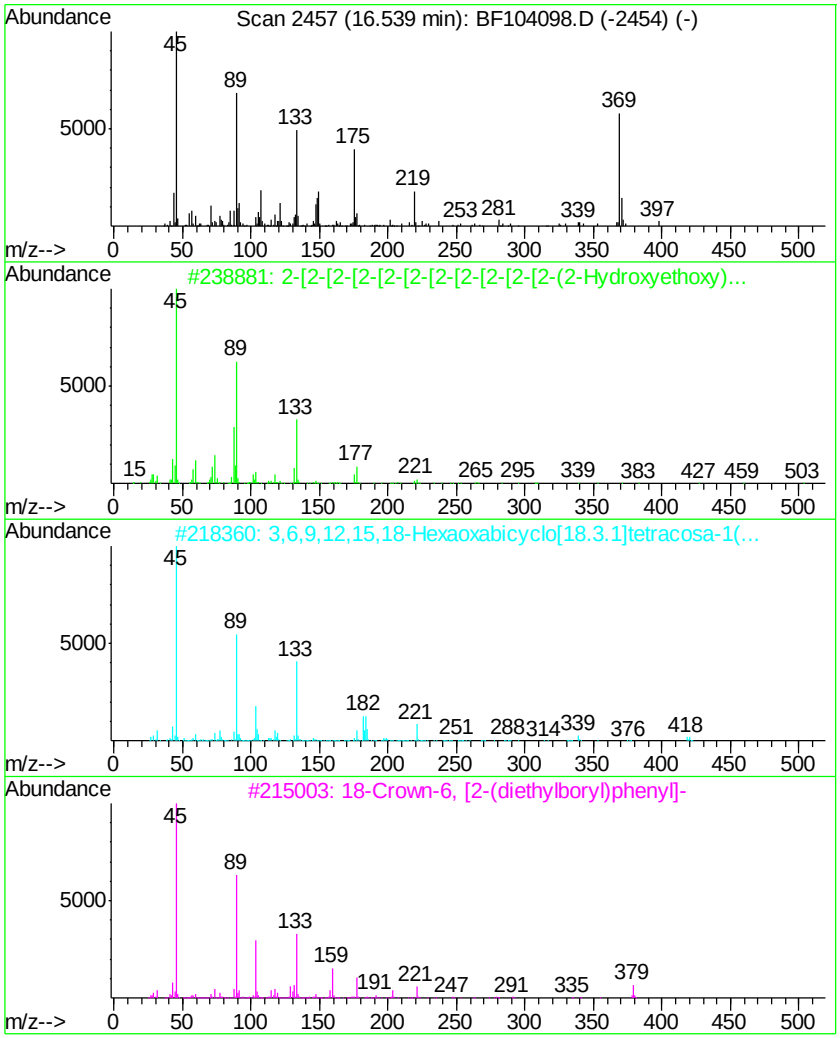
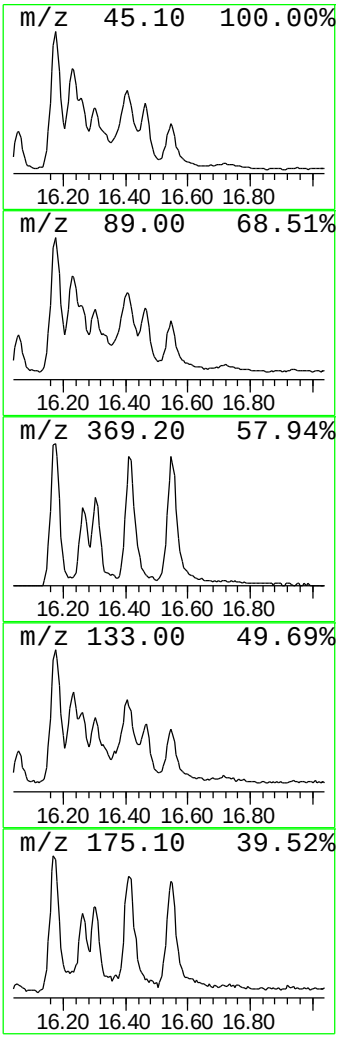
Peak Number 20 unknown16.54 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	15.24 ng	444902	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	50
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	38
3	18-Crown-6, [2-(diethylboryl)phe...	408	C22H37BO6	1000161-99-8	38
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	38
5	4-(p-(4-(p-Chlorophenyl)-2-thiaz...	369	C18H12ClN3S2	007531-65-9	35





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF033018\
Data File : BF104098.D
Acq On : 30 Mar 2018 17:47
Operator : JU/SJ
Sample : J2072-07 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C0AB5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentaethylene glycol	11.29	6.0	ng	229723	4	11.49	770897	20.0
n-Hexadecanoic acid	11.99	7.8	ng	301488	4	11.49	770897	20.0
Heptaethylene glycol	12.46	5.3	ng	205678	4	11.49	770897	20.0
unknown13.16	13.16	7.7	ng	907491	5	14.14	2374040	20.0
unknown13.29	13.29	5.3	ng	627521	5	14.14	2374040	20.0
unknown14.25	14.25	9.2	ng	1094570	5	14.14	2374040	20.0
Ethanol, 2-[2-[2-...	14.29	8.7	ng	1037630	5	14.14	2374040	20.0
unknown14.33	14.33	5.1	ng	600322	5	14.14	2374040	20.0
unknown14.94	14.94	19.1	ng	555831	6	15.69	583698	20.0
unknown15.02	15.02	75.3	ng	2197190	6	15.69	583698	20.0
3-(1,3-Dihydroxyi...	15.06	72.9	ng	2128320	6	15.69	583698	20.0
unknown15.10	15.10	29.7	ng	865643	6	15.69	583698	20.0
unknown15.17	15.17	54.3	ng	1583930	6	15.69	583698	20.0
unknown15.22	15.22	47.1	ng	1373680	6	15.69	583698	20.0
unknown15.27	15.27	29.4	ng	859460	6	15.69	583698	20.0
unknown16.06	16.06	14.3	ng	416015	6	15.69	583698	20.0
unknown16.23	16.23	36.1	ng	1055050	6	15.69	583698	20.0
unknown16.46	16.46	20.5	ng	598311	6	15.69	583698	20.0
unknown16.54	16.54	15.2	ng	444902	6	15.69	583698	20.0